MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MAY 1923

J. A. BROWN, DIRECTOR

PRINTED AT THE UNIVERSITY PRESS

MAY 1923

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min. on grass		
1	758.8	758.3	758.5	758.5	32.2	21.3	15.6		
2	7.7	6.9	6.4	7.0	33.7	22.0	16.1		
3	5.1	5.2	6.6	5.6	31.7	22.1	16.2		
4	7.8	7.4	8.1	7.8	23.8	19.0	17.8		
5	8.0	8.3	9.5	8.6	23.5	16.3	14.3	—	—
6	9.6	8.3	60.1	9.3	23.6	16.6	14.4		
7	60.5	60.1	0.6	60.4	23.6	16.7	14.9		
8	59.4	59.9	59.8	59.7	21.1	16.7	16.7		23.36
9	9.6	9.6	9.7	9.6	22.7	14.7	13.6		1.27
10	9.0	8.2	8.3	8.5	22.1	14.7	14.0	—	
11	8.3	9.5	60.9	9.6	21.9	14.6	12.2		2.79
12	63.3	64.1	4.5	64.0	23.3	16.8	15.5		0.51
13	3.0	1.0	0.6	1.5	22.4	16.1	14.9		
14	58.5	56.8	55.8	57.0	23.3	18.3	16.7		
15	7.4	7.5	8.3	7.7	24.5	18.8	17.2	—	—
16	8.7	9.2	9.4	9.1	24.9	17.7	16.3		
17	9.5	9.2	8.9	9.2	25.1	20.8	17.1		
18	8.4	8.4	8.6	8.5	25.1	18.3	17.1		
19	8.7	8.4	8.6	8.6	25.8	19.3	17.2		
20	60.0	9.3	9.5	9.6	27.7	19.1	18.3	—	—
21	0.7	60.5	61.3	60.8	26.0	19.4	18.6		
22	1.6	1.3	2.4	1.8	26.2	17.8	16.7		
23	2.0	1.3	1.2	1.5	26.1	18.4	16.6		
24	0.4	59.6	59.1	59.7	28.1	18.3	16.7		
25	59.4	9.6	60.2	9.7	28.7	20.2	18.2	—	—
26	60.8	60.3	0.0	60.4	28.4	20.1	18.9		
27	0.3	59.9	0.1	0.1	33.7	23.5	20.7		
28	0.2	8.3	57.9	58.8	26.6	20.2	19.1		
29	55.9	4.9	4.4	5.1	26.1	20.1	18.8		
30	4.4	4.9	5.5	4.9	27.4	22.2	20.4		
31	6.9	8.0	8.8	7.9	28.1	20.5	19.9	—	
	759.2	758.8	759.1	759.0	26.0	18.7	16.0		27.93

BAROMETER

Maximum	764.5	on 12th
Minimum	754.4	on 29th & 30th

THERMOMETER

Maximum	33.7	on 2nd & 27th
Minimum	14.6	on 11th
Minimum on grass	12.2	on 11th

RAINFALL

Maximum 23.36 mm. on 8th

Number of days with rain 4 thunderstorms 0 fog 0 gale 0

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	26.9	28.8	22.6	26.1	21.1	21.5	20.6	14.5	14.2	16.4	15.0	54	48	80	61
2	29.4	33.2	25.5	29.4	20.0	20.3	19.6	11.9	10.7	13.1	11.9	37	33	54	41
3	27.4	26.5	20.6	24.8	19.9	22.1	19.5	12.5	16.4	16.0	15.0	45	63	89	66
4	20.6	22.7	19.6	21.0	17.1	17.2	16.7	12.1	12.1	12.3	12.2	67	59	73	66
5	20.6	23.3	19.4	21.1	17.1	17.8	16.7	12.2	12.1	12.3	12.2	67	56	74	66
6	20.6	22.7	19.4	20.9	17.7	18.2	16.8	13.0	12.6	12.5	12.7	72	61	75	69
7	21.1	23.3	19.4	21.3	17.6	18.0	17.0	12.6	12.1	12.7	12.4	68	56	76	67
8	20.2	15.6	15.9	17.2	16.7	14.9	14.4	11.8	12.2	11.3	11.8	67	92	84	81
9	20.6	22.0	17.1	19.9	18.0	18.1	15.7	13.5	12.9	12.3	12.9	75	65	84	75
10	20.3	21.1	20.3	20.6	17.2	17.5	17.1	12.5	12.5	12.3	12.4	71	67	70	69
11	19.4	21.8	19.6	20.3	16.8	17.7	17.1	12.5	12.3	12.9	12.6	64	63	76	71
12	21.5	23.3	20.2	21.7	18.3	17.9	17.6	13.4	11.9	13.2	12.8	70	56	75	67
13	21.4	22.2	19.6	21.1	18.3	18.4	17.8	13.5	13.2	13.8	13.5	71	66	81	73
14	21.4	22.0	20.3	21.2	18.8	19.8	19.1	14.2	15.3	15.2	14.9	75	79	87	80
15	22.0	23.9	20.0	22.0	19.9	20.5	19.1	15.7	15.4	15.7	15.6	80	70	90	80
16	21.8	24.4	21.0	22.4	19.9	20.6	18.9	15.8	15.2	14.8	15.3	81	67	80	76
17	22.1	24.5	21.2	22.6	19.9	20.9	20.4	15.6	15.8	16.6	16.0	79	70	88	79
18	22.3	24.5	21.3	22.6	20.4	22.3	20.1	16.4	18.2	17.1	17.2	82	80	90	84
19	23.8	25.5	22.0	23.8	21.0	21.0	20.6	16.4	15.3	16.9	16.2	74	62	87	71
20	24.6	27.2	21.5	24.4	21.5	23.4	20.4	16.8	18.4	17.6	17.6	73	69	90	77
21	23.5	25.6	21.0	23.4	20.0	21.2	18.4	14.8	15.4	14.0	14.7	69	63	75	69
22	23.3	25.4	21.1	23.3	19.4	21.1	19.0	14.1	15.4	14.9	14.8	66	63	79	69
23	23.9	25.6	20.9	23.5	21.1	21.5	19.4	16.4	16.1	15.7	16.1	74	65	84	75
24	23.9	25.3	23.3	24.2	21.1	20.9	17.8	16.4	15.2	11.8	14.5	74	63	55	64
25	25.6	27.4	21.9	25.0	20.6	23.2	21.2	13.9	17.7	18.2	16.6	59	65	93	82
26	25.3	27.8	22.1	25.1	21.9	23.4	19.8	17.1	18.0	15.5	16.9	71	65	79	72
27	27.0	31.2	23.2	27.1	23.8	25.3	21.4	19.4	20.3	17.5	19.1	73	65	84	74
28	24.9	25.6	21.8	24.4	21.1	21.2	19.3	15.8	14.9	14.8	15.2	67	57	76	67
29	23.9	25.5	22.1	23.8	19.2	20.2	19.3	13.4	14.0	14.7	14.0	60	57	74	64
30	23.9	27.2	23.2	24.8	21.3	22.9	22.6	16.6	17.3	19.9	17.9	75	65	94	78
31	25.6	27.7	22.8	25.4	22.4	23.4	21.6	17.6	17.9	18.1	17.9	72	64	88	75
	23.2	25.0	21.0	23.1	20.3	20.4	19.2	14.6	14.9	14.9	14.8	69.1	63.7	80.1	70.1

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

MAY 1923

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	6s	10s	6s	7.3	0	0	0	78.4	calm	
2	9s	8s	8s	8.3	0	0	0	67.6	,,	
3	0	0	0	0	0	2	1	172.7	,,	
4	8	9	0	5.7	2	1	0	86.1	v. slight	
5	9cu n	0	0	3.0	2	2	0	174.3	,,	
6	9	6	4	6.3	1	1	0	178.3	calm	
7	0	9cu ci	3	4.0	1	1	0	160.9	,,	
8	10n	10n	0	6.7	0	1	0	138.1	,,	
9	3	0	0	1.0	1	2	0	160.9	v. slight	
10	4s	9cu s	10s n	7.7	1n	2n	3ne	116.7	,,	
11	1s	9s	0	3.3	3ne	1ne	0	480.4	,,	
12	7	0	0	2.3	2	1	0	187.3	calm	
13	1	0	0	0.3	0	1ne	2ne	81.5	,,	
14	0	0	10s n	3.3	2n	3n	2n	351.7	v. slight	
15	0	0	0	0	1	0	0	340.9	calm	
16	1	0	0	0.3	1w	0	0	123.3	,,	
17	0	0	0	0	1	1	0	109.4	,,	
18	6cu s	0	0	2.0	0	0	0	81.8	,,	
19	0	10n	10n	6.7	1ne	3	3	196.8	slight	
20	0	10n	10n	6.7	1nw	2	0	248.4	v. slight	
21	1s	0	0	0.3	2w	1	0	304.7	,,	
22	0	0	1s	0.3	1	1	0	141.5	calm	
23	0	0	0	0	1	1	0	86.4	,,	
24	10s	10s n	9cu ci	9.7	1	1	0	65.1	,,	
25	0	0	0	0	0	1	0	109.6	,,	
26	8s	0	0	2.7	0	0	0	90.3	,,	
27	0	0	0	0	0	0	0	124.2	,,	
28	0	0	10	3.3	2	2	0	299.4	v. slight	
29	1	2	0	1.0	1w	1w	0	143.8	calm	few drops at
30	10cu n	0	2s	4.0	1	1	0	179.7	,,	night
31	0	0	0	0	2	1	0	248.1	,,	
				3.1				171.9		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	2	2	0	0	0	14	3	1	9
2:30	2	2	0	0	0	19	1	0	7
8:30	1	2	0	0	0	2	0	0	26
Totals	5	6	0	0	0	35	4	1	42

N.B.—Cloud numbers without letters are all cu.

Wind ,, ,, ,, ,, ,, sw.